

What is claimed is:

1. A method of handover in a multimode mobile telecommunication network in which, to initiate a handover, the network sends to a mobile terminal a first group of system information via a first channel associated with circuit switching services and a second group of system information via a second  
5 channel associated with packet switching services, comprising the steps of:
  - a) performing measurements at least in one neighboring cell on a basis of information contained in the second group of system information,
  - b) sending to the network the measurements performed in step a), and
  - c) initiating the procedure of handover according to the measurements  
10 performed in step a).
2. The method according to claim 1, wherein the measurements are performed in a neighboring cell of circuit switching (CS) type.
3. The method according to claim 2, wherein the telecommunication network is a GSM/GPRS network, and wherein the first channel is a BCCH channel and the second channel is a PBCCH channel.
4. The method according to claim 2, wherein the telecommunication network is a UMTS network.
5. A mobile terminal used in a multimode mobile telecommunication network, the mobile terminal performing measurements for preparing for a

handover in the network, the measurements depending either on a first group of system information sent by the network to the mobile terminal via a circuit switching channel or on a second group of system information sent by the network to the mobile terminal via a packet switching channel, the mobile terminal comprising:

means for performing measurements at least in one neighboring cell on a basis of information contained in the second group of system information,

10 means for sending to the network the measurements performed, and

means for initiating the procedure of handover according to the measurements performed.